

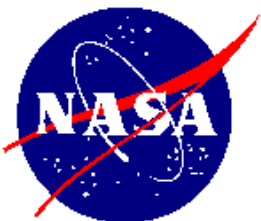
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Construction Safety

SSC Construction Inspection
Safety Findings/Stats

January 2015



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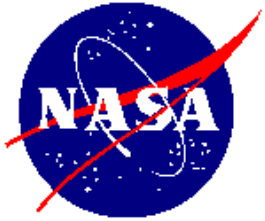
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Construction Safety Findings: 05-09 January 2015

Findings Total: 0

-Serious Findings: 0

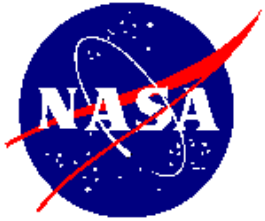
-Less than Serious Findings: 0

Mishaps / Close Calls: 1

Close Call: 1

During an excavation near the existing 96" valve vault, an unknown buried conduit was damaged. The conduit did not appear on any of the contractor's drawings and was not previously located. It was later determined to be a low voltage communication line for an overheat sensor at a nearby sump. Jacobs FOSC personnel secured the line and is working to repair/reroute.





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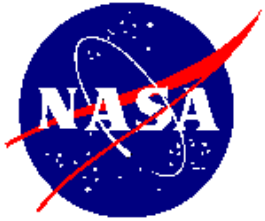
Construction Safety Findings: 12-16 January 2015

Findings Total: 0

-Serious Findings: 0

-Less than Serious Findings: 0

Mishaps / Close Calls: 0



Construction Safety Findings: 19-23 January 2015

Findings Total: 3

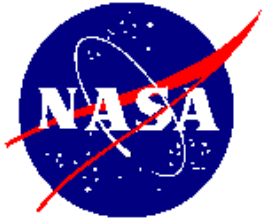
-Less than Serious Findings: 1

1. An employee inside B Test Stand was in possession of three cans of Great Stuff. This product is not SSC Environmental approved for use and the contractor failed to obtain SDS approval prior to bringing it on SSC. SCWI-8715-0008 section 9.12

-Serious Findings: 2

1. The confined space entry Attendant failed to maintain a running log of entry and exit times of authorized personnel and equipment entering the confined space (b) and did not understand the proper inspection, field calibration and use of the atmosphere monitoring equipment being used for the confined space entry (k). There were workers in the space that were not on the permit and the atmospheric testing log was not up to date. SCWI-8715-0004 section 4.5.3(b) and (k)
2. Two (2) Authorized Entrants were observed entering a permit required confined space. A short while later, one (1) Entrant exited the space, leaving the other Entrant in the space alone, out of view of the Attendant. These workers failed to follow basic Buddy System procedures. SSP-8715-0001 section 3.8

Mishaps / Close Calls: 0



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Construction Safety Findings: 26-30 January 2015

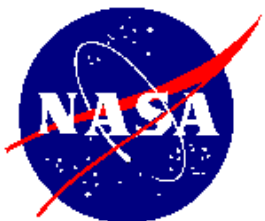
Findings Total: 1

-Less than Serious Findings: 1

1. An employee was working on the side of Leonard Kimble Road in a trench deeper than 4' without the proper means of egress. The worker in the trench exited and the supervisor provided two ladders to allow for proper egress. 29CFR1926.651(c)(2)

-Serious Findings: 0

Mishaps / Close Calls: 0

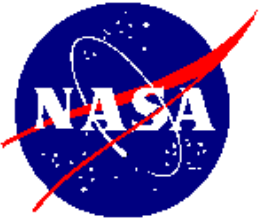


Mission Success Starts With Safety



Construction Safety Findings: 26-30 January 2015





Mission Success Starts With Safety

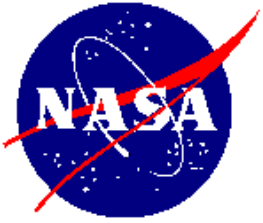


Construction Safety

Does anyone remember what

VPP

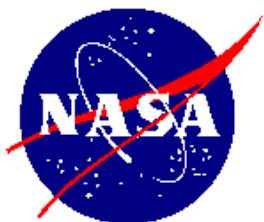
means?



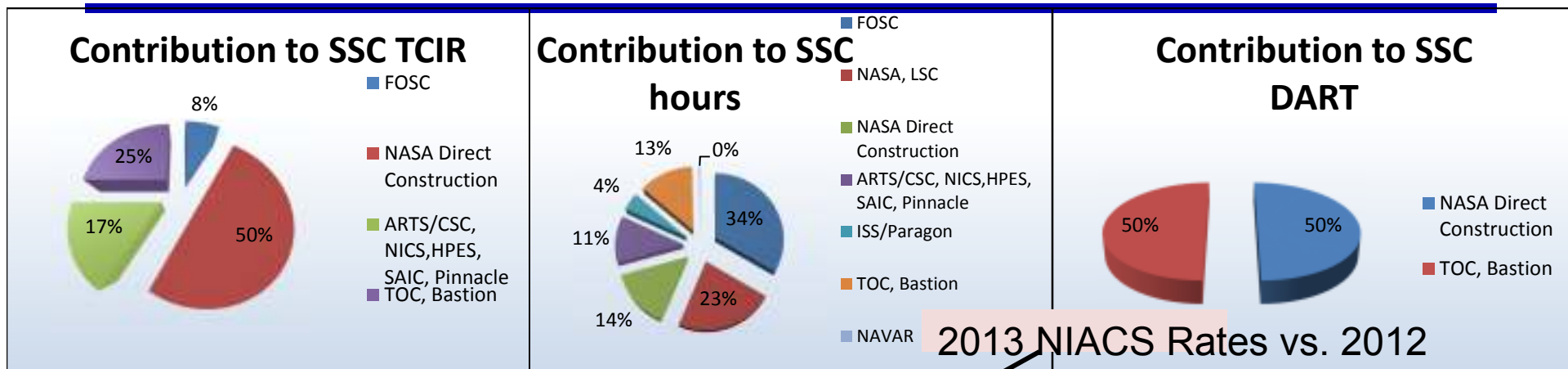
Construction Safety



The VPP recognize employers and workers in the private industry and federal agencies who have implemented effective safety and health management systems and maintain injury and illness rates below national Bureau of Labor Statistics averages for their respective industries. In VPP, management, labor, and OSHA work cooperatively and proactively to prevent fatalities, injuries, and illnesses through a system focused on: hazard prevention and control; worksite analysis; training; and management commitment and worker involvement. To participate, employers must submit an application to OSHA and undergo a rigorous onsite evaluation by a team of safety and health professionals. Union support is required for applicants represented by a bargaining unit. VPP participants are re-evaluated every three to five years to remain in the programs. VPP participants are exempt from OSHA programmed inspections while they maintain their VPP status.



NAICS Specific SSC DART/TCIR (January 1, 2014 – December 31, 2014)



2013 NIACS Rates vs. 2012

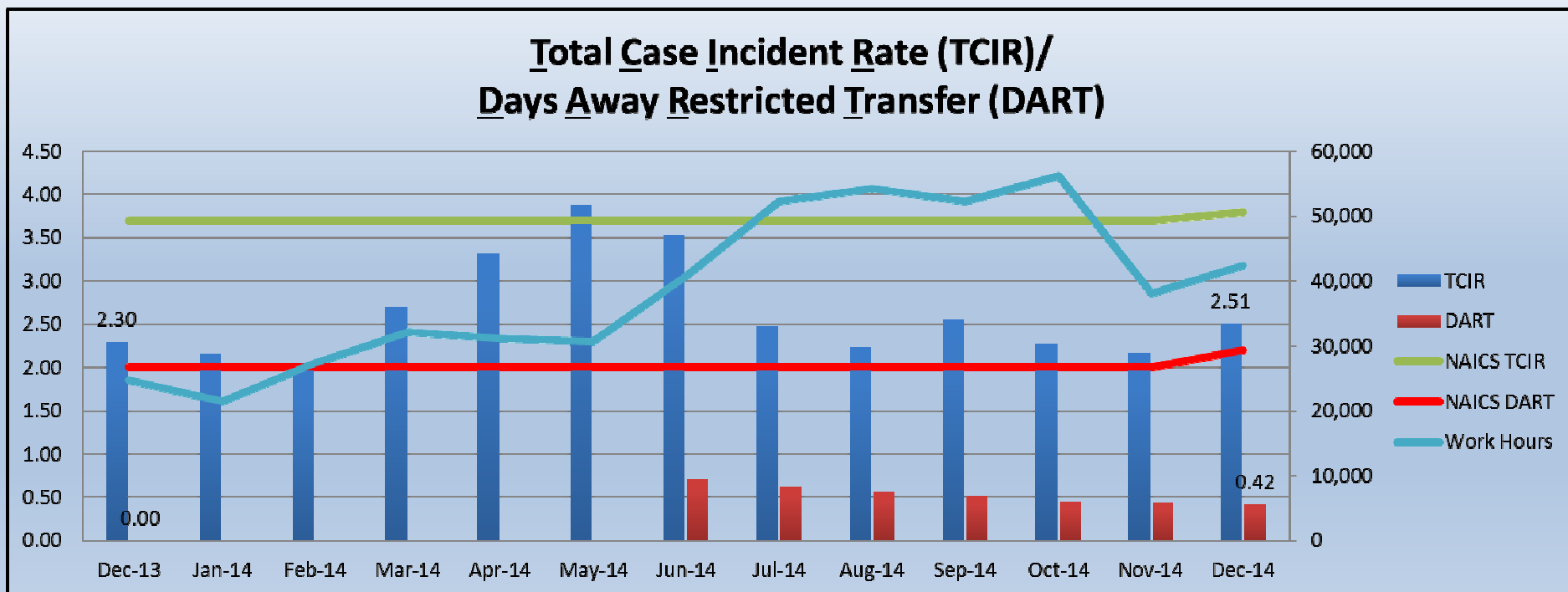
NAICS	Description	Organization	% Contribution to SSC hours	Running Total Cases/ NAICS	Running Dart Cases/ NAICS	Running TCIR	Running DART	2013 NAICS TCIR (industry average)	2013 NAICS DART (industry average)	TCIR % of NAICS	DART % of NAICS
561210	Facility Support Services	FOSC	34%	1	0	0.18	0.00	3.90 ↑	1.90	5%	0%
541380	Testing Laboratories	NASA, LSC	23%	0	0	0.00	0.00	1.60 ↓	0.80	0%	0%
230000	Construction	NASA Direct Construction	14%	6	1	2.51	0.42	3.80 ↑	2.20 ↑	66%	19%
541513	Computer Facilities	ARTS/CSC, NICS, HPES, SAIC, Pinnacle	11%	2	0	1.05	0.00	0.40 ↓	0.10 ↓	262%	0%
561612	Security Guards and Patrol Services	ISS/Paragon	4%	0	0	0.00	0.00	1.80 ↑	1.00	0%	0%
541712	Scientific Research and Development	TOC, Bastion	13%	3	1	1.35	0.45	1.10 ↓	0.50	122%	90%
541110	Office Administrative Services	NAVAR	0%	0	0	0.00	0.00	0.40 ↓	0.10 ↓	0%	0%

LEGEND	
	Decreased
	Increased, below NAICS (industry avg.)
	Above NAICS (industry avg.)



SSC Construction Metrics

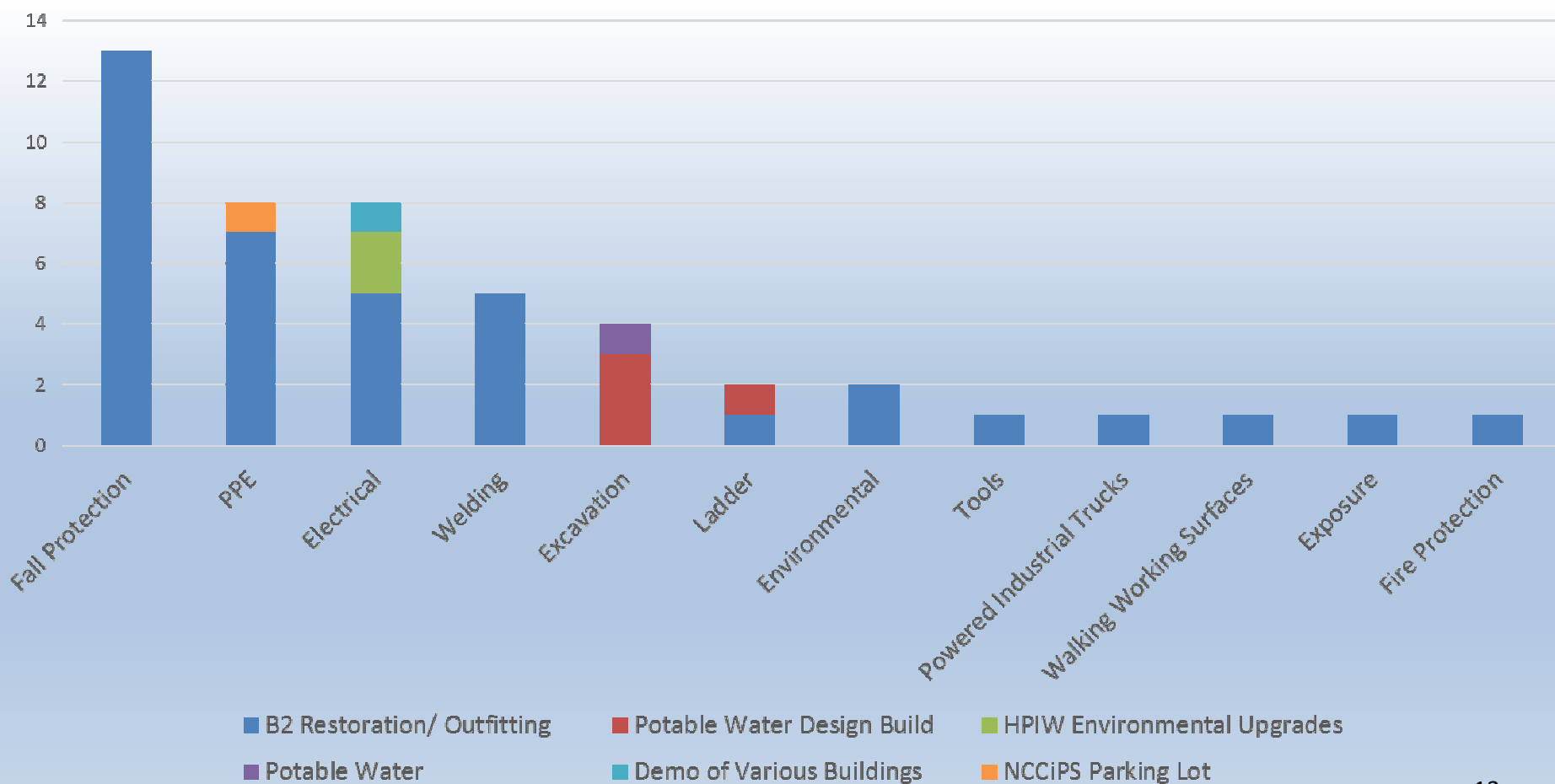
- For the month of November:
 - There were no A-D cases
- For the month of December:
 - There was One Type D NASA Direct Construction cases. An employee received medical treatment (at the OSHA recordable level) to remove a fragment from their eye.

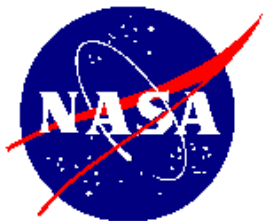




SSC Construction Metrics

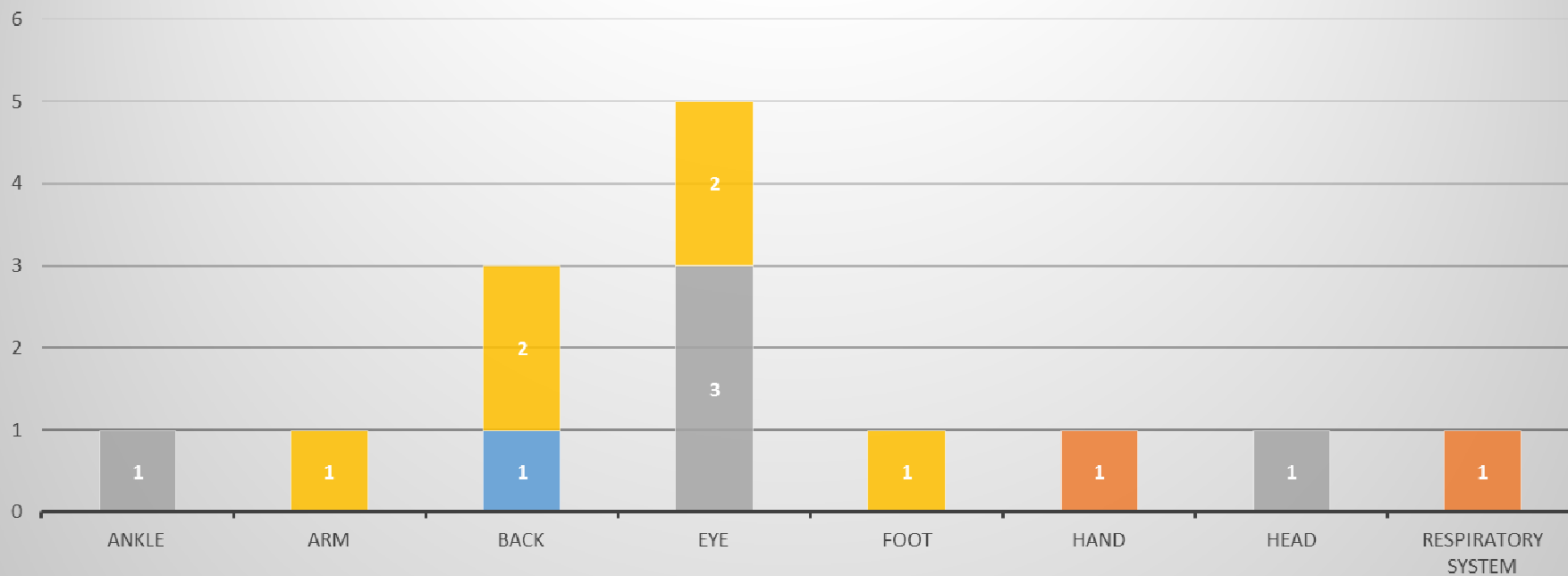
2014 Construction Findings





SSC Construction Metrics

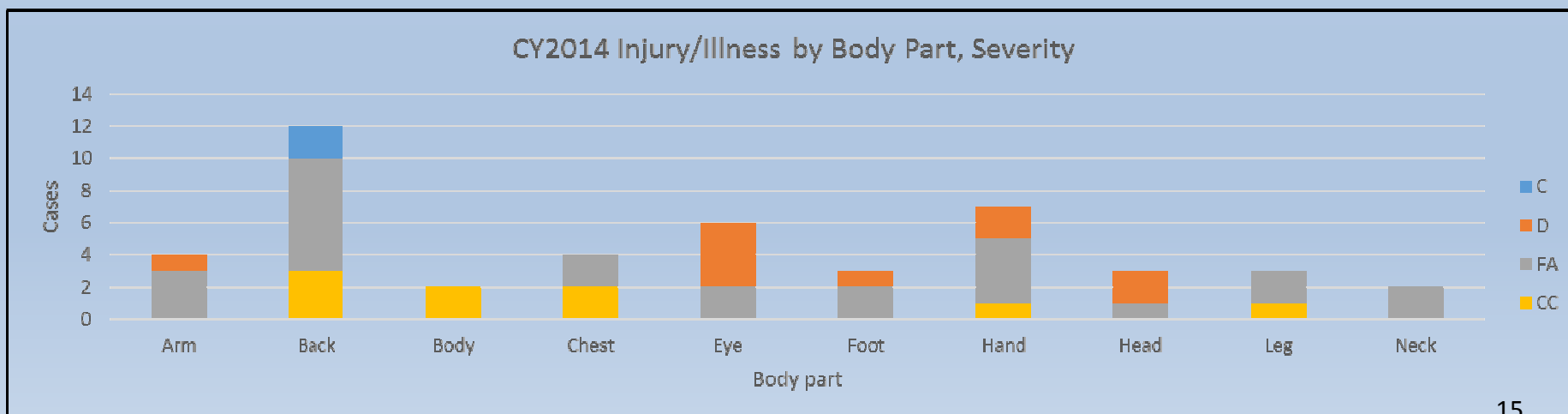
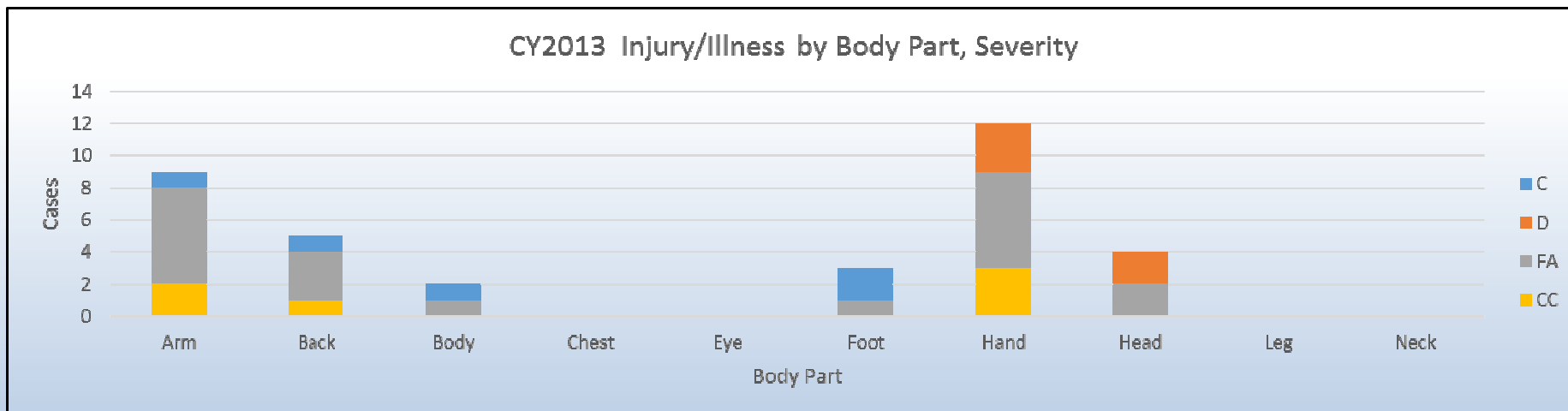
Construction Injuries by Body Part

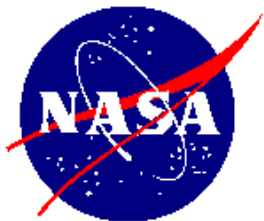


■ C ■ CC ■ D ■ FA



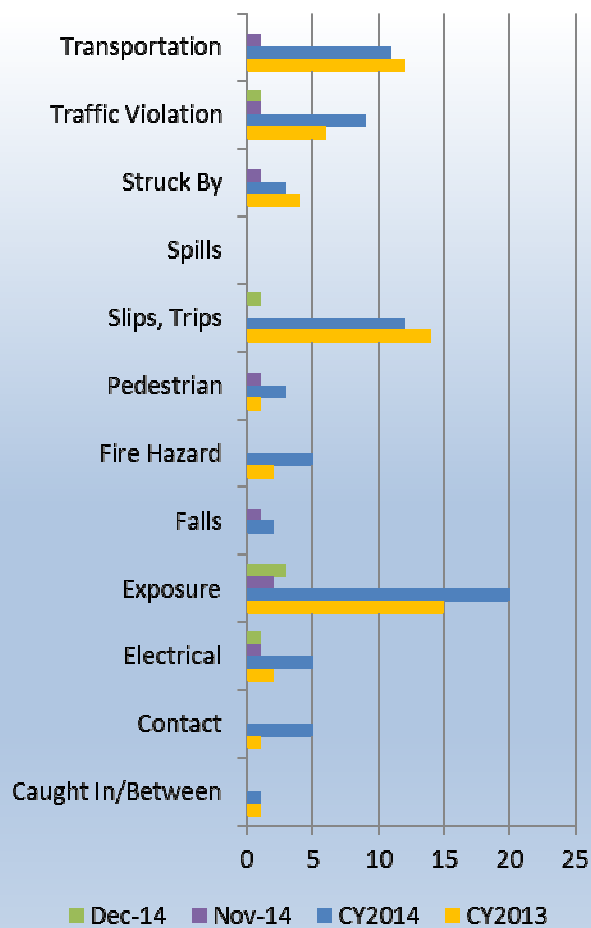
SSC NASA/NASA Contractor Metrics



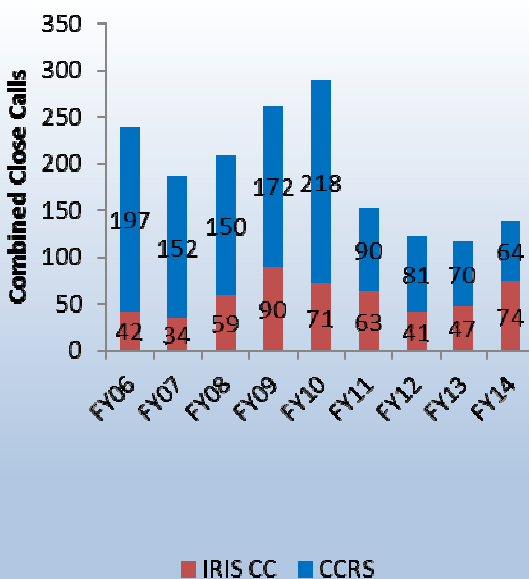


SSC Close Calls

CCRS Close Calls



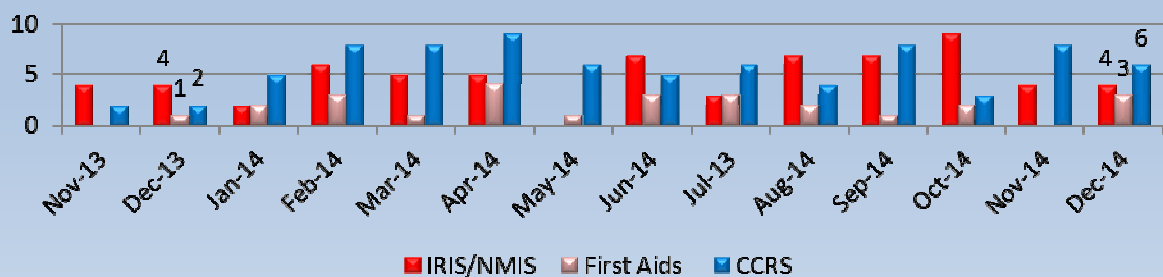
Annual History



NMIS CC* – 11/7, Employee struck bollard; 11/7, Worker ran into test area exit gate arm; 11/24, Employee struck bollard; 11/29, Excavator struck pull box, ∞. 12/2, Insect Bite (FA); 12/2, Buckle hit employee's arm; 12/5, Fell from chair; 12/16, Chemical odor; 12/17, GOV struck POV; 12/22, GOV backed into post; 12/30, Hand pain from lowering pot.

CCRS CC* - 11/4, Main potable water feed to bldg. 9112 cut during demolition, ∞; 11/5, Trucks dumping gravel on at Texas Flat, Texas Rd. intersection;; 11/6, men's room door closer cover came off in bldg. 1105; 11/12, Employee fell at bldg. 9324 loading dock and was uninjured; 11/18, Tech carrying ladder almost hit someone in bldg. 9325; 11/19, Driver going wrong way on Balch Blvd. 11/19, Balch Blvd. brick crosswalk is dark and obscured; 11/20, Tube flaring machine in B2 east pier was connected to 440V, (when it was designed for 220V,) and blew a solenoid, ∞; 12/4 Cell phone charger smoking; 12/4, Fence post in overhead; 12/11, light bulbs vulnerable to being knocked over; 12/12, sprinkler test disables UPS system; 12/18, Tree stump causing trip hazard; 12/19, Reckless driving.

∞ - Construction Close C



*NMIS Close Calls include events with minor equipment damage < \$20,000, but



Mishaps by Type/Count

	CY2013			CY2014								
	Total			Total			NASA Contractors		NASA Construction Contractors		NASA Civil Servants	
	All Cases	Injury	Property	All Cases	Injury	Property	Injury	Property	Injury	Property	Injury	Property
Type A	0	0	0	0	0	0	0	0	0	0	0	0
Type B	0	0	0	0	0	0	0	0	0	0	0	0
Type C	5	5	0	2	2	0	1	0	1	0	0	0
Type D	13	5	8	11	10	1	5	0	5	0	0	1
First Aid	19	19		25	25		18		7		0	
Close Call	49	49		59	59		36		22		1	
Non - NPR8621.1 Issue	7	7	0	3	3	0	1	0	1	0	1	0
Total	93			100								



Construction Safety

1904.32(b)(5) How do I post the annual summary? You must post a copy of the annual summary in each establishment in a conspicuous place or places where notices to employees are customarily posted. You must ensure that the posted annual summary is not altered, defaced or covered by other material.

1904.32(b)(6) When do I have to post the annual summary? You must post the summary no later than February 1 of the year following the year covered by the records and keep the posting in place until April 30.

OSHA's Form 300A (Rev. 01/2004)

Year 20__ U.S. Department of Labor
Occupational Safety and Health Administration
Form approved OSHA no. 300-330

Summary of Work-Related Injuries and Illnesses

All establishments covered by Part 1904 must complete this Summary page, even if no work-related injuries or illnesses occurred during the year. Remember to review the Log to verify that the entries are complete and accurate before completing this summary.
Using the Log, count the individual entries you made for each category. Then enter the totals below, making sure you've added the entries from every page of the Log. If you had no cases, enter "0".
Employees, former employees, and their representatives have the right to review the OSHA Form 300 and its entries. They also have direct access to the OSHA Form 300 or its equivalent. See 29 CFR Part 1904.35. For OSHA's recordkeeping rules for further details on the access procedure for these forms.

Number of Cases			
Total number of deaths	Total number of cases with days away from work	Total number of cases with job transfer or restriction	Total number of other recordable cases
(a)	(b)	(c)	(d)

Number of Days	
Total number of days away from work	Total number of days of job transfer or restriction
(e)	(f)

Injury and Illness Types			
Total number of ...			
(1) Injuries	_____	(2) Poisonings	_____
(3) Skin disorders	_____	(4) Hearing loss	_____
(5) Respiratory conditions	_____	(6) All other illnesses	_____

Establishment information

Your establishment name _____

Street _____

City _____ State _____ ZIP _____

Industry description (e.g., Manufacturer of wire rack tables) _____

Standard Industrial Classification (SIC), if known (e.g., 2710) _____

OR

North American Industry Classification (NAICS), if known (e.g., 3322) _____

Employment information (If you don't have these figures, see the Handbook on the back of this page for advice.)

Annual average number of employees _____

Total hours workably all employees last year _____

Sign here

Knowingly falsifying this document may result in a fine.

I certify that I have examined this document and that to the best of my knowledge the entries are true, accurate, and complete.

Supervisor _____ Title _____

Name _____ Title _____

Post this Summary page from February 1 to April 30 of the year following the year covered by the form.

Public reporting burden for this collection of information is estimated to average 20 minutes per response, including time for reviewing instructions, searching existing data sources, gathering the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this data collection, including suggestions for reducing the burden, to Washington, DC 20503. Do not send the completed form to the office.



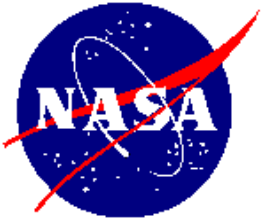
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Construction Safety

Questions?

<http://constructionsafety.ssc.nasa.gov/>



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Construction Safety

A photograph of a space shuttle launch. The shuttle is on the right, with a large plume of white smoke and orange fire trailing behind it as it ascends into a blue sky. The ground is dark and appears to be a launch complex.

Have a Safe month!

<http://constructionsafety.ssc.nasa.gov/>